IN THE CLAIMS

Please amend the claims as follows:

1. (Currently amended) A method of generating a network zone plan, comprising:

collecting device connectivity information for devices in a network;

performing an analysis on the collected information to infer relationships between the devices;

identifying policies to be utilized in generating a zone plan of the network, wherein said polices include granularity, type of storage device, and grouping; ~~and~~

generating the zone plan ~~base3d~~ based on a combination of the analysis performed and the identified zoning policies, and

implementing said zone plan in a SAN.

2. (Cancelled) The method of claim 1 wherein the network is a storage area network (SAN).

3. (Original) The method of claim 1 wherein the zone plan dictates which of the devices are visible to each other.

4. (Original) The method of claim 3 wherein the devices include host systems to access data and storage subsystems which are providers of said data.

5. (Original) The method of claim 4 wherein the zone plan is a network-layer access control mechanism which dictates which <u>said</u> storage subsystems are visible to which <u>said</u> hosts.

6. (Cancelled) The method of claim 1 further comprises presenting the zone plan for approval, wherein the zone plan is not implemented until approval is received.

7. (Currently amended) A computer program product <u>comprising a computer usable medium</u> having instruction codes for providing autonomic zoning in a storage area network, comprising:

a ~~first~~ set of instruction codes for collecting device connectivity information for devices in a network;

a ~~second~~ set of instruction codes for performing an analysis on the collected information to infer relationships between the devices;

a ~~third~~ set of instruction codes for identifying policies to be utilized in generating a zone plan of the network<u>, wherein said policies include granularity, type of storage device, and grouping</u>; ~~and~~

a ~~fourth~~ set of instruction codes for generating the zone plan based on a combination of the analysis performed and the identified zoning policies<u>; and,</u>

<u>a set of instruction codes for implementing said zone plan in the storage area network</u>.

8. (Cancelled) The computer program product of claim 7 wherein the network is a storage area network (SAN).

9. (Original) The computer program product of claim 7 wherein the zone plan dictates which of the devices are visible to each other.

10. (Original) The computer program product of claim 9 wherein the devices include host systems to access data and storage subsystems which are providers of <u>said</u> data.

11. (Original) The computer program product of claim 10 wherein the zone plan is a network-layer access control mechanism which dictates which <u>said</u> storage subsystems are visible to which <u>said</u> hosts.

12. (Cancelled) The computer program product of claim 7 further comprises presenting the zone plan for approval, wherein the zone plan is not implemented until approval is received.

13. (Cancelled) A system to provide autonomic zoning in a network, comprising:
an autonomic zoning management module to autonomically generate zoning plans pertaining to a network, according to a combination of each device in the network's connectivity information and user generated policies.